



# PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 10:39 (UTC)

MOTION & CONTROL  
**NSK**



## 23072CAME4

### Spherical Roller Bearings

#### Boundary Dimensions

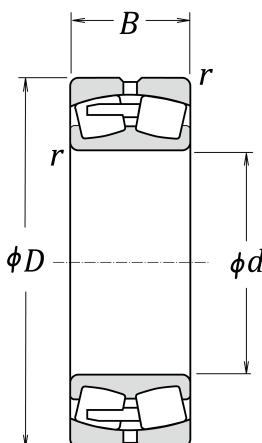
d	360	mm	Bore diameter
D	540	mm	Outside diameter
B	134	mm	Width
r (min.)	5	mm	Chamfer dimension

#### Basic Load Ratings

Cr	2990000	N	Basic dynamic load rating
C0r	4700000	N	Basic static load rating

#### Speeds

Thermal Speed Rating (Oil-bath)	900	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	1400	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	530	min-1	Grease lubrication
Oil (Oil-bath)	670	min-1	Oil-bath lubrication



#### Abutment and Fillet Dimensions

da (min.)	382	mm	Diameter of shaft abutment
Da (min.)	485	mm	Diameter of housing abutment
Da (max.)	518	mm	Diameter of housing abutment
ra (max.)	4	mm	Radius of shaft or housing fillet

#### Calculation factors

e	0.24	Constant
Y2	4.2	Axial load Factors
Y3	2.8	Axial load Factors
Y0	2.8	Axial load Factors

#### Mass

Mass approx.	106	kg	Mass approx.
--------------	-----	----	--------------

